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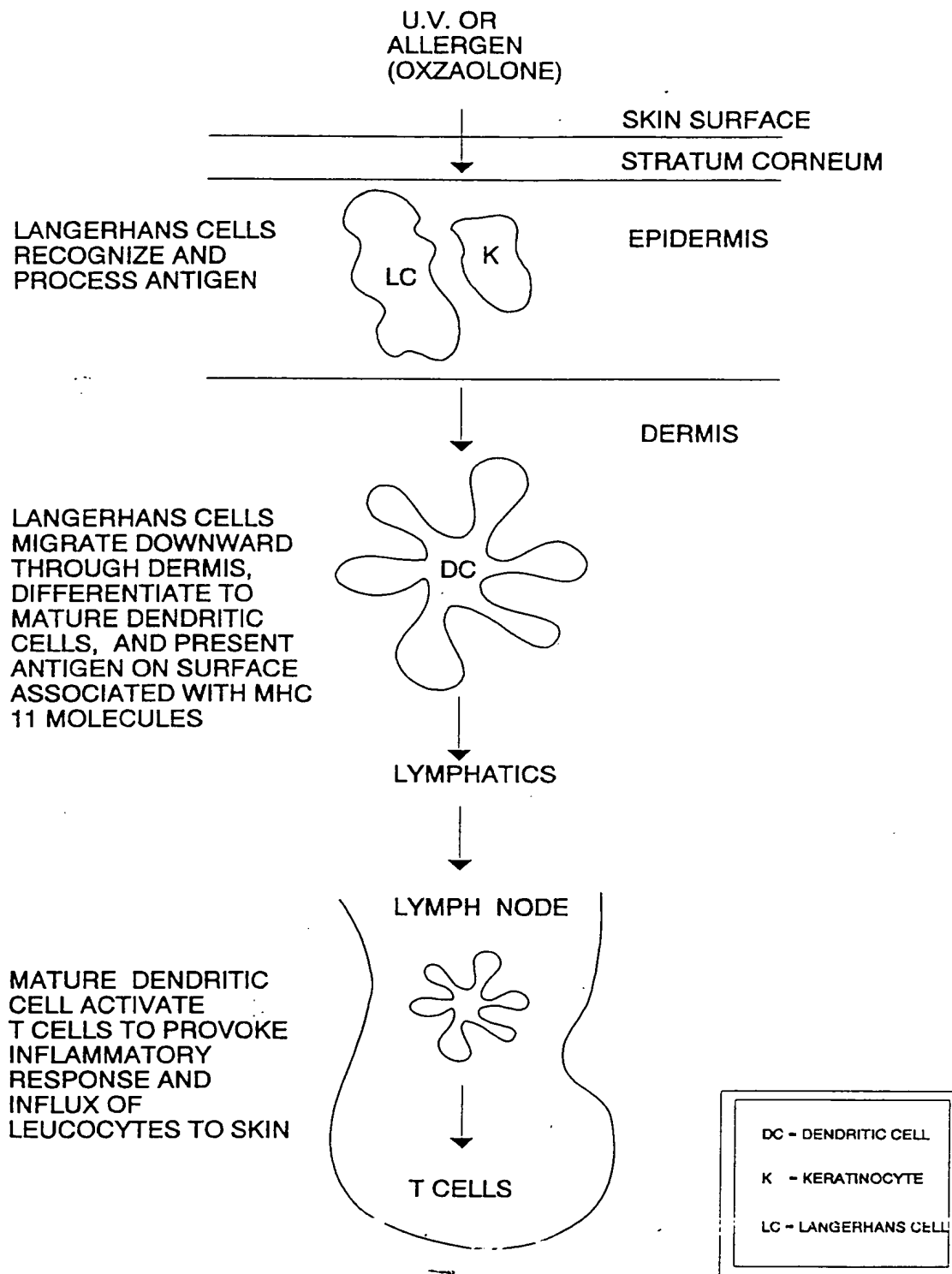


FIGURE 1A

The diagram illustrates the interaction between a Langerhans Cell (LC) and a Keratinocyte (K). The LC is on the left, and the K is on the right. IL-1 $\beta$  is shown being released from the K and binding to a receptor on the LC. TNF- $\alpha$  is shown being released from the K and binding to a receptor on the LC. GM-CSF is shown being released from the K and binding to a receptor on the LC. The diagram shows the LC responding to these signals by releasing IL-1 $\beta$  and TNF- $\alpha$ , which then bind to receptors on the K, creating a feedback loop.

## IL-1 $\beta$ BINDS TO RECEPTORS ON K CELLS AND INDUCES PRODUCTION OF TNF- $\alpha$

RESP ALLERGY	TH2
DTH	TH1

**FIGURE 1B**

# Competitive Binding of Lactoferrin to Mouse Epidermal Cells



FIGURE 2

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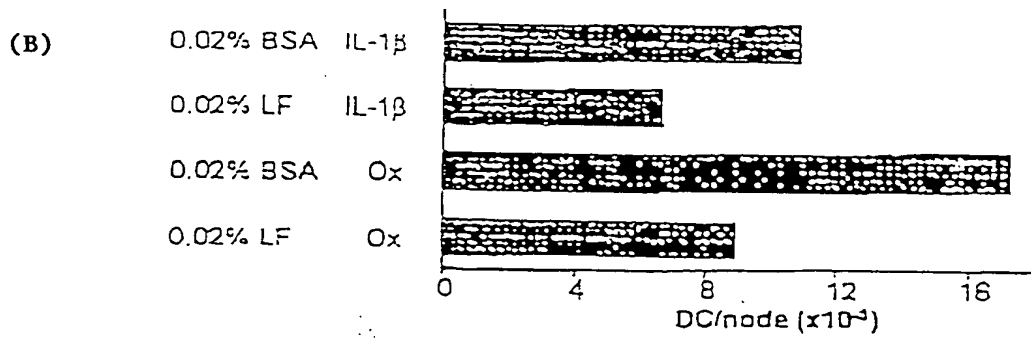
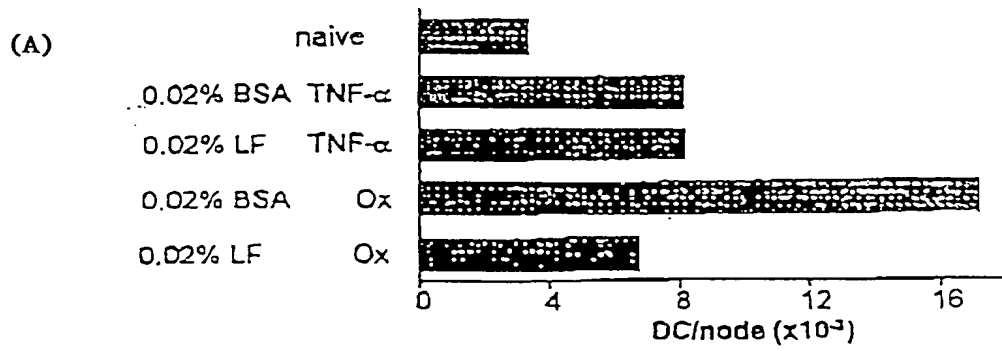


FIGURE 3A AND B

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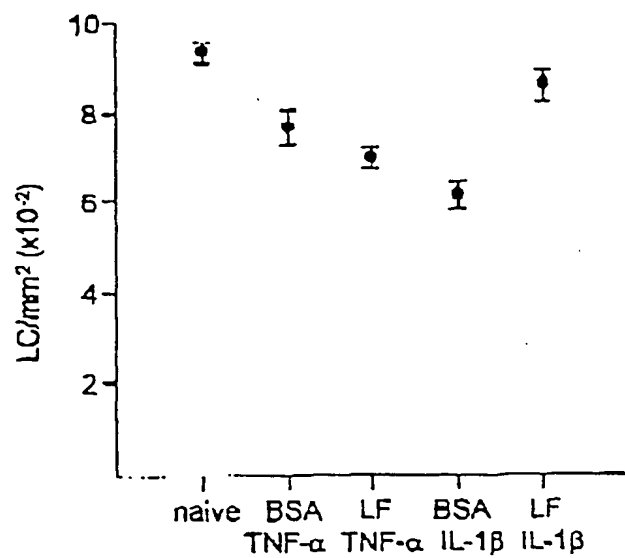


FIGURE 4

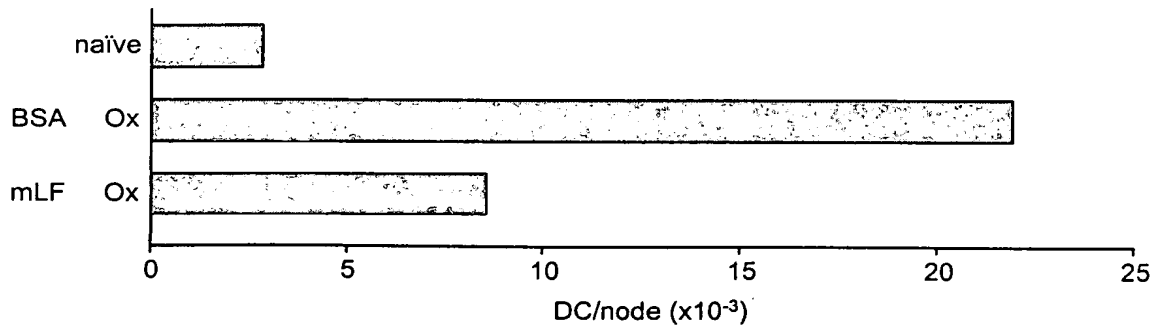
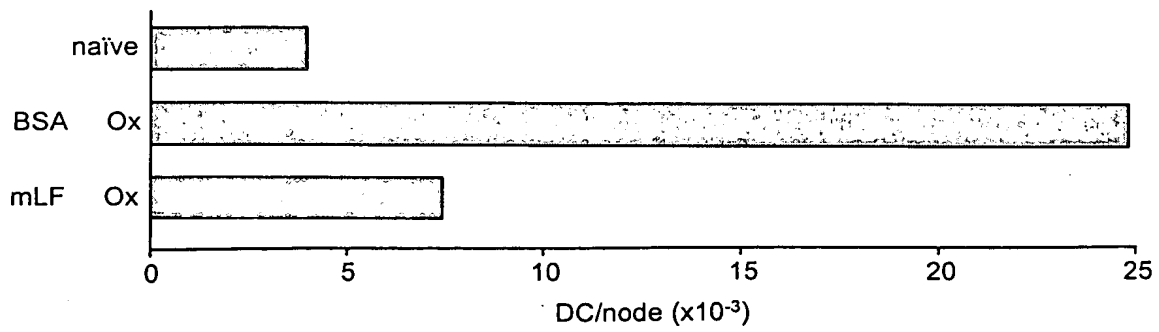


FIGURE 5

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